

Mitchell B. Rosen

Education

- B.S., University of Delaware, Newark, DE; Animal Science, 1977.
- M.S., North Carolina State University, Raleigh, NC; Animal Science, 1980.
- Ph.D., North Carolina State University, Raleigh, NC; Physiology, 2000.

Professional Experience

- 1982-1984: Research Technician III, Animal Science Department, North Carolina State University
- 1984-1995: Scientist, Man Tech Environmental Sciences, Inc., Contractor to EPA.
- 1995-present: Research Biologist, EPA.

Research Interests

- Genomic mechanisms of teratological effects of environmental chemicals.

Professional Activities

- Editorial Board: Reproductive Toxicology.
- Member, EPA Performance Based Quality Assurance Workgroup for Genomics Research. 2005.
- Member, Genomics Proteomics Committee, National Health and Environmental Effects Research Laboratory, EPA. 2005-2006.
- Participant, MicroArray Quality Control (MAQC) Project Test. 2005.
- Member, Toxicogenomics Core Advisory Group, National Health and Environmental Effects Research Laboratory, EPA. 2006-present.
- Member, Data Analysts Working Group, National Health and Environmental Effects Research Laboratory, EPA. 2007-present.

Invited Lectures/Symposia

- Toxicology Department, North Carolina State University, Raleigh, NC, invited seminar. 2001.
- Guest Lecturer, Cell and Developmental Biology 123, University of North Carolina, Chapel Hill, NC. 2003.

Selected Publications

Rosen MB, Thibodeaux JR, Wood CR, Zehr RD, Schmid JE, Lau C. 2007. Gene expression profiling in the lung and liver of PFOA-exposed mouse fetuses. *Toxicology*. 239:15-33. [Abstract](#)

Abbott BD, Rosen MB, Held G. 2006. Cellular, biochemical and molecular techniques in developmental toxicology. In: *Developmental and Reproductive Toxicology: A Practical Approach*. Ed.: R. Hood, CRC Press, Boca Raton, FL. pp. 599-620.

Rosen MB, Wilson VS, Schmid JE, Gray LE. 2005. Gene expression analysis in the ventral prostate of rats exposed to vinclozolin or procymidone. *Reprod Toxicol*. 19:367-79. [Abstract](#)

Gray LE, Wilson VS, Stoker TE, Lambright CS, Furr JR, Noriega NC, Hartig PC, Cardon MC, Rosen MB, Ankley GT, Hotchkiss AK, Orlando EF, Guillette LJ, Kelce W. 2004. Environmental androgens and antiandrogens: An expanding chemical universe. In: *Endocrine Disruptors*. Ed.: R.Naz, CRC Press, Boca Raton, FL.

Rogers EH, Hunter ES, Rosen MB, Rogers JM, Lau C, Hartig PC, Francis BM, Chernoff N. 2003. Lack of evidence for intergenerational reproductive effects due to prenatal and postnatal undernutrition in the female CD-1 mouse. *Reprod Toxicol*. 17:519-25. [Abstract](#)

Chernoff N, Hunter ES, Hall LL, Rosen MB, Brownie CF, Malarkey D, Marr M, Herkovits J. 2002. Lack of teratogenicity of microcystin-LR in the mouse and toad. *J Appl Toxicol*. 22:13-7. [Abstract](#)

Rosen MB, Chernoff N. 2002. 5-aza-2'-deoxycytidine-induced cytotoxicity and limb reduction defects in the mouse. *Teratology*. 65:180-90. [Abstract](#)